The Blurb

Newsletter of The Phil-Mont Mobile Radio Club

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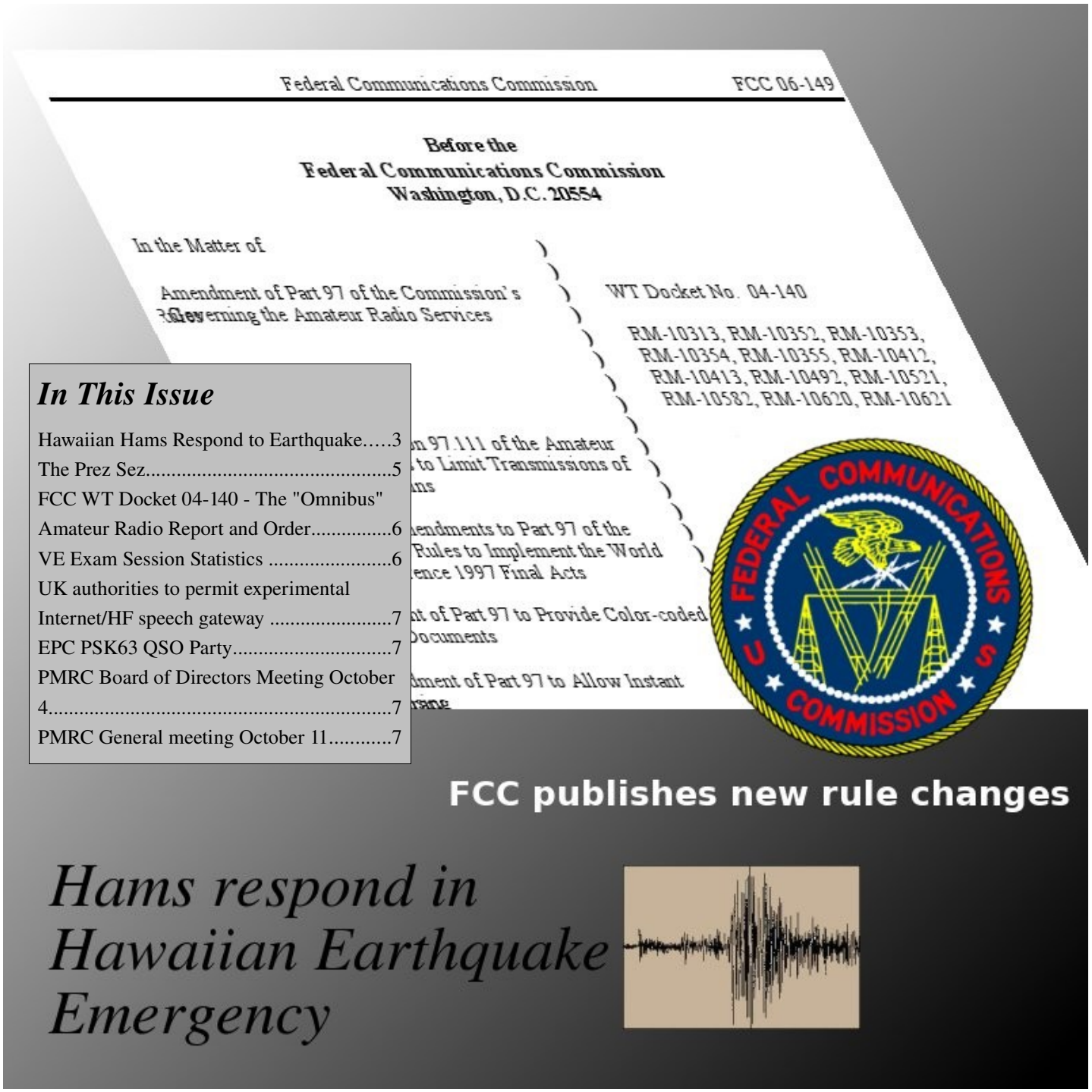

The Blurb is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.** whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. ***Copying and quoting*** is permitted with a credit line. We gladly exchange publications with other amateur radio clubs. Requests should be sent to the Editor. ***Subscriptions*** are available to non-members for $10, addressed to the Treasurer.

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Submissions deadline: all copy must be in the hands of the Editors by the 20th of the previous month.

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For club information: contact any club officer, or the repeaters listed below. Address or club directory changes, and articles that are for the membership e-mail list should be sent to: wb3koj@comcast.net

Sunday Morning Net Schedules

- **2 Meter/ 70cm Net**.....at 09:30et on W3QV repeater
- **10-on-10 Net** .....at 10:00et 28.393 MHz USB (±QRM)
- **75 meter Net** .....at 10:20et 3.993 MHz LSB

The club meets at 7:30 PM on the **second non-holiday Wednesday** of every month except July and August at

The Masonic Village at Lafayette Hill

801 Ridge Pike

Lafayette Hill, PA 19444-1799

All visitors are welcome!

License Examinations

are held on the **first non-holiday Thursday** each month (except during July and August) at **Northeast High School, Cottman and Algon Streets, Philadelphia PA**

Registration begins at 6:00 P.M. Enter through the SPARC wing. Exams begin and doors closed and locked at **6:30 P.M. Sharp!** Applicants should call Dusty ND3Q 215 482 0386 (for the latest information.

Club Stations

W3QV Club Repeater – *Trustee Emeritus*: W3BBB

Ridge & Port Royal Avenues, Philadelphia, PA

147.03 MHz + PL 91.5 Hz 444.80 MHz + PL 186.2 Hz

Reach us on Echolink through WU3I-L

W3AA -*Trustee:* WU3I

W3EM - Field Day/special event station *Trustee:* W3VVS

President: **KB3IV**
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15 Poe Av.
Wyncote PA 19095
kb3iv@arrl.net

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Philadelphia PA 19128
bill.popovic@verizon.net

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Fred Rice
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Philadelphia PA 19116
wa3kio@comcast.net

Treasurer: **W3RM**
Richard A. Moll
roger.mike@verizon.net
Asst. Treasurer: N3MT
Micheal P. Taraborrelli
michaelmt_1999@yahoo.com

***Directors*: N3FH(06) N3MT(06) K3XS(06) W3BBB(07) WU3I(07) N3XKE(07) W3STW(A)**

Committees

Archives: NG3P
Audit: NS3K
Awards: open

Blurb folding: WB3KOJ & WB3KOH
Directory:WB3KOJ
DX: N3MT
Emerg.Coor.: K3HWE
Field Day: KE3QB

Internet: K3XS
Membership: N3XKE
Net Control: KB3IV
Publicity: W3RM
Program: Club VP

Public Service: KE3QB
Refreshments: W3AOK
Repeater: W3AOK
Skywarn: WX3PHI
Sunshine: N3GLU
Youth: N3MT

TVI: W3VVS
VE Program: ND3Q
W3AA Trustee: WU3I
Welcome: K3CJ.

Hawaiian Hams Respond to Earthquake

(ARRL, Oct 19, 2006) -- Amateur Radio volunteers scrambled to provide emergency communication and assist with relief efforts after earthquakes October 15 on the "Big Island" of Hawaii.

The initial jolt of the so-called "Kona Earthquake" just after 7 AM local time rousted many residents from sleep; another followed soon after. Widespread power outages as well as structural and highway damage resulted throughout the Hawaiian Islands, although a feared tsunami never developed and no deaths were reported. Gov Linda Lingle and the federal government have declared a state of emergency.

"ARES and RACES operators responded to Hawaii State and Oahu Civil Defense Emergency Operation Centers," reports Hawaii State RACES Coordinator and ARRL State Civil Defense (SCD) Emergency Coordinator Ron Hashiro, AH6RH. Right after Oahu stopped shaking, Hashiro put out a call on the Honolulu 146.88 MHz repeater seeking reports.

"Other stations confirmed the violent shaking," he said. Hashiro started emergency operations on the Honolulu repeater, then proceeded to the inter-island 147.06 MHz repeater system and repeated the sequence. Hashiro, Robin Liu, AH6CP, and Mitch Pinkerton, KH6MP, arrived at the State Emergency Operations Center (EOC) in short order, and RACES operations from KH6HPZ commenced within a half hour of the first earthquake. After checking into HF and VHF nets, ARRL Pacific Section Emergency Coordinator Kevin Bogan, AH6QO, responded to the SCD EOC.

Bogan said the primary focus was on the Big Island, where most damage occurred because the epicenter was so close. "Although buildings on Oahu suffered only minor structural damage, the biggest problem was the power outage due to generators for the island powering down as a safety precaution," he said. "Within minutes of the first earthquake, telephone calls on landline and many cell phone carriers were difficult due to congestion."

Hashiro said operators at the EOC rotated among the HF and VHF operating positions, running messages with the EOC operations desk and checking with staff on their various needs and concerns.

ARRL Pacific Section Manager Bob Schnieder, AH6J, told ARRL Headquarters that the Hawaii Emergency Net on 7088 kHz provided the main HF link in the earthquakes' aftermath. Communication around the Big Island was handled on 7095 kHz.

While the quakes compromised or knocked out cellular telephone service, Internet service remained largely available, and radio amateurs were able to take advantage of Voice over Internet Protocol (VoIP) modes such as EchoLink and IRLP.

At Oahu Civil Defense Agency, RACES Coordinator Ray Moody, AH6LT, responded, while Adrian Ditucci, KH7GK, handled net control service duties from his home a few miles away, operating on battery power. APRS reports flowed into the EOC, Hashiro said.

Field Ops

Other Amateur Radio emergency communication volunteers did "the heavy lifting in the field," Hashiro said. "The key to their success was that they had varying degrees of portable and mobile capabilities with emergency power -- using VHF and HF," he said. "They were able to drive right to the scene and pass along assessments, status reports and messages through us, right into State CD operations."

"For example, Steve, WH6N, passed formal traffic on the condition of a hospital and the closure of a neighboring highway due to a landslide," Hashiro said. "AH6RR and KH7MS passed information on the condition and evacuation of Kona Community Hospital, while WH6WI updated us on the progress and availability of a 1000-person American Red Cross Shelter at the old Kailua-Kona airport."

Bogan said the training each area conducts along with weekly ARES Pacific Section drills paid off.

An Aftermath of Aftershocks

Dozens of tremors followed the initial quake, on the west side of the Island of Hawaii, which measured at

6.7 on the Richter scale. It was the first major earthquake in Hawaii in 20 years. A second quake measured 6.0, Bogan said, and there were many aftershocks. Hashiro says State CD

RACES/ARES operations wrapped up at 5:20 PM, while Oahu RACES operations from KH6OCD ended at 10:55 PM. He reports upward of a dozen stations on the Big Island provided HF and VHF communication with SCD, while another seven radio amateurs were active on the island of Maui.

"We logged a total of 55 messages of varying levels of importance," Hashiro told ARRL. "Two were formal messages." Hashiro said a number of stations comprising the healthcare communications -- HealthComm -- also were active. As a precaution, officials evacuated several hospitals in Hawaii until they could check the safety of the structures.

SATERN Activates

The Salvation Army Team Emergency Radio Network (SATERN) activated for a short time Sunday afternoon on 14.265 MHz to assist with emergency communication in the aftermath of the earthquakes and aftershocks and to handle health-and-welfare inquiries and traffic. SATERN volunteers Al and Ann Shaver, NH2Z and WH2E, reported word of landslides on the highway between Kona and Hilo on the Big Island of Hawaii.

"We both happened to be on our feet when the quake hit, and of course we felt it," the Shavers reported in a SATERN e-mail. "With the electricity off most of the day we were in the dark in more ways than one! How we missed using our, radios, television sets, computers and so many other gadgets which require it!"

Insult to Injury

As if to add insult to injury, an intense thunderstorm overnight knocked out all power on the Island of Hawaii, although electricity has been restored at least to some areas, said Schneider, who was in California attending the ARRL Pacific Division Convention when the earthquake struck. He cited a report from Assistant SM and Section Traffic Manager Ron Phillips, AH6HN, who lives on the Big Island.

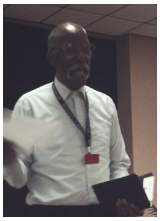
Hashiro said his NOAA weather alert radio kept going off in the middle of the night because of the stormy weather, expected to continue until Friday. "At the moment things seem to be under control," Schneider told ARRL Headquarters.

Joint Operation a Hawaii Hallmark

Hashiro says that unlike other some areas of the US, radio amateurs in Hawaii stress and believe in joint operation -- a collaboration of ARES, RACES, SKYWARN, HealthComm, the American Red Cross, Volunteers Organizations Active in Disaster (VOAD), and SATERN.

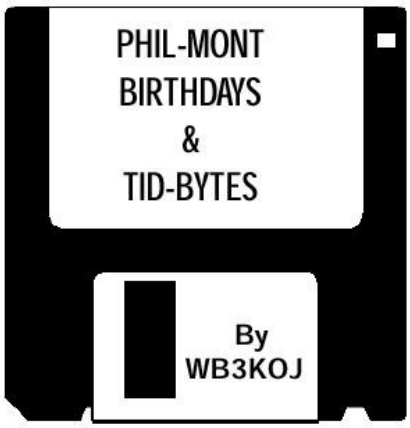
"We become one operation, one team to our emergency management partners," he said. "We help each other out and work and train together. That's the only way to operate; there's simply not enough equipped, capable and available operators to go around. Isolated in the middle of the Pacific Ocean, there's not a lot of missteps and mistakes we can afford."

Uncle Al Wants You!



...to run for a PMRC office or to help on the Nominating Committee

wstw@juno.com



Membership Stats

At press time P.M.R.C. has:
92 Full paid members
8 Family members
1 Youth member
1 Honorary members
no pending members

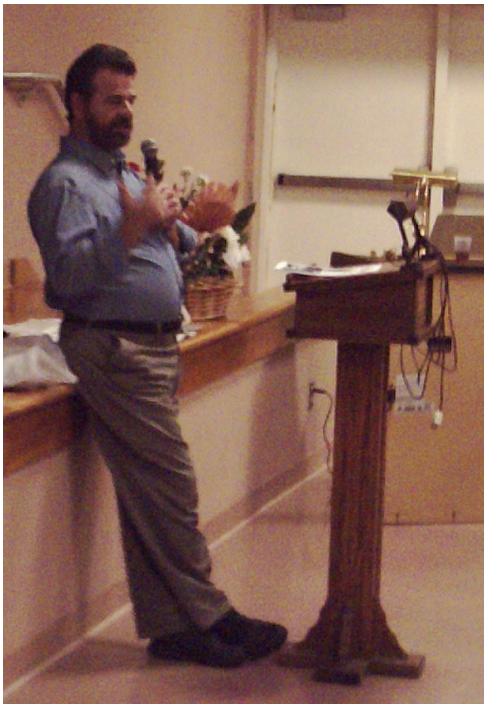
November Birthdays

01 Pauline Green (XYL K3HES)
03 Louis Ruh - WX3I
05 Al Tribble - W3STW
07 Gerald Cechony – W3GER
12 Arnold Sadwin - KC2HX
14 Bill Nichelson W3KOC
19 Brad Swanson - N3GLH
20 Bob Gargano - N3YGY
22 Bill Popovic - W3AOK
23 Chap Fichera - KB3DQH
24 Delores Policarpo (XYL N3PP)
27 Mel Toren - N2MT
28 Ed Weinberg – KC2IVR*
29 Bob Nicotero - KB2ERL
Betty Walmsley (XYL W3DO)

*New member 2006

Directory Changes

(Too late to publish)
W3BBB-w3bbb@comcast.net
KJ3P-kj3p@arrl.net



The Prez Sez

--de Ed KB3IV, PMRC President

Where were you Wednesday evening Oct. 11? If you weren't at The Masonic Village, you missed a very interesting program presented by Cully Phillips, N3HTZ. He showed us the old, present, and future communication system used by the Pa. Turnpike. Thanks, Cully, for the informative and well put together program.

The Nov. 8 PMRC Club meeting will be our annual Old Timers Night. You don't have to be old to attend. I am looking forward to seeing many long time members(sounds better than old) at the meeting.
W3RM has obtained a DVD from QCWA which is well composed and runs 22 minutes. He has previewed the DVD, and said we will find it informative and timely.

Our Nominations Chairman, Al, W3STW, will present a slate of candidates for Phil-Mont and ask for nominations from the floor. Please contact Al and let him know which office you are interested in. The election will take place at the Dec. meeting.
You can reach Al by e-mail at wstw@juno.com.

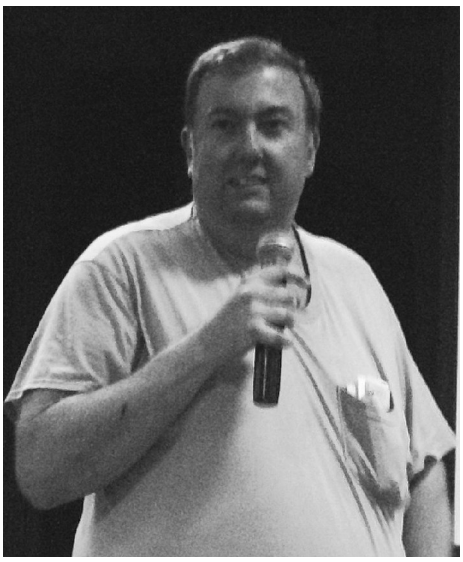
The Ham Fest season has come to a close in our area, but you can still get some good buys at the Phil-Mont annual Auction Fest which will take place at the January 2007 club meeting. This will be our 11th year holding this event.
Information about the event will be announced in next month's Blurb and on the nets. Anyone who has attended previous Fests will tell you how much fun it is and what kind of gems they found. You can be a seller, buyer, or just a heckler.

I want to send a personal, as well as official, get well message to Russ, W3CH, who is recovering from a stroke, suffered just after the MS-150. As I am writing my column, he is in Lankenau Hospital, but will be transferred to Moss Rehabilitation Center soon. We all wish Russ a speedy and complete recovery.

I am looking forward to seeing many of you at our coming meetings and hearing you on our nets and on the repeater.

73,
Ed KB3IV

P.S.: Don't forget to vote in Nov. and in the important race in Dec.



Cully Phillips N3HTZ spoke at the October PMRC meeting about the Pennsylvania Turnpike communications system

FCC WT Docket 04-140 - The "Omnibus" Amateur Radio Report and Order

The R&O was released by the FCC on October 10, 2006. and the new rules become effective 30 days after they are published in the Federal Register. The R&O could be published any time in the next few months. In it, the FCC proposes the following changes:

Expanded phone subbands in the 75 and 40 meter bands

On **75 meters**, Generals will be able to operate on phone from 3800-4000 kHz, an increase of 50 kHz. Advanced class licensees will be able to use voice from 3700-4000, an increase of 75 kHz, and Amateur Extras will be able to use voice from 3600 to 4000 kHz

On **40 meters**, Advanced and Extra Class licensees will be able to use voice from 7125-7300 kHz, an increase of 25 kHz. General class licensees will be able to use voice on 7175-7300 kHz, an increase of 50 kHz.

On **15 meters**, General class operators will have phone privileges on 21275-21450 kHz, an increase of 25 kHz.

Novice and Tech Plus (Technician with Element 1 credit) licensees may operate in the General class CW subbands on 80, 40, 15 and 10 meters

The R&O is available online at:
http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.pdf

Auxiliary stations may transmit on portions of the 2 meter band

The use of spread spectrum on 222-225 MHz will be permitted.

Amateurs may retransmit communications from the International Space Station (the existing rule referred only to the Space Shuttle).

Amateur licensees may designate a specific Amateur Radio club to receive their call sign *in memoriam*;

Certain restrictions governing the manufacture, marketing and sale of external RF power amplifiers intended for Amateur Radio use have been eliminated

Clarification is provided that "amateur stations may, at all times and on all frequencies authorized to the control operator, make transmissions necessary to meet essential communication needs and to facilitate relief actions", most likely to eliminate questions about the legality of the use of Amateur Radio by appropriately licenced first-responders such as police, fire and rescue personnel who are paid for their services.

The frequency bands and segments specified for Radio Amateur Civil Emergency Service (RACES) stations are deleted.

The requirement to publicly announce Amateur Radio examination locations and times will be removed.

Amateur Radio stations in Alaska and surrounding waters will be permitted more flexibility in providing emergency communications.

New rules are implemented to discourage multiple vanity call sign filings on the same day from the same applicant.

ARRL VEC

235th Monthly Phil-Mont

VE Exam Session Statistics

for October 5, 2006

Candidates:

Thomas M. D'Alessandro (Upgrade) KC2PGU
Derek S. Peirce (New) KB3OBM
Oluwaseun Abegunde (New) KB3OBL
Thomas J. Hayes (New) KB3OBK

The VE team was chaired by Dusty Rhoads **ND3Q**

and the other participating VEs were:

Jack Coupe WA3BXH
Ray Hefferman N3FH
Bob Freer W3YLT

Upcoming Exam Sessions:

November 2, December 7, January 4, 2007

(See page 2 for details)

UK authorities to permit experimental Internet/HF speech gateway

(ARRL,Oct 19, 2006) -- The Radio Society of Great Britain (RSGB) says UK telecoms regulator Ofcom has granted a unique *Notice of Variation* (*NoV*) to Steve Richards, G4HPE, to operate an experimental Internet/HF speech gateway. The *NoV* would allow two-way communication between the Internet and the Amateur Radio HF bands. The RSGB assisted Richards in obtaining the authorization. "The purpose of the research is to explore the many technical and operational challenges that such a system poses for emergency communications," the RSGB said. "It is also hoped that the project will shed light on how Internet-based networks can aid Amateur Radio emergency communications." The *NoV* is a first in the UK because it allows full frequency agility over the lower HF bands and the use of significant power levels, the RSGB said. According to the Society, the gateway is not intended as a permanent Amateur Radio Service facility and will likely only be operated on a predetermined test schedule. Only Amateur Radio licenses will have access the gateway, which will be fully attended at all times. The International Radio Emergency Support Coalition (IRESC, http://www.iresc.org/) -- a worldwide group of radio amateurs who use voice over Internet protocol (VoIP) facilities to connect disaster areas to points of support -- also is involved in this project.

EPC PSK63 QSO Party

The European PSK Club is organizing a special contest - the *EPC PSK63 QSO Party* - between 0000UTC and 2400UTC on Sunday 19 November. The objective of the tournament is to establish as many contacts as possible between radio amateurs around the world using the BPSK63 mode. Participants are allowed to work on 160, 80, 40, 20, 15 and 10m. Contacts with European PSK Club members are worth 5 points; contacts with other stations are worth 1 point.
The same stations may be contacted again on other bands.

PMRC Board of Directors Meeting October 4

Attending the meeting were Ed KB3IV, Bill W3AOK, Al W3STW, Dick W3RM, Steve WU3I, Maggie K3XS, and Fred WA3KIO.
Ed KB3IV called the meeting to order at 8:02pm.
Dick W3RM gave a treasurer's report. After all transactions, Philmont broke even this month. The new scholarship in memory of Sam Kuncevich was discussed for next year.
Maggie K3XS mentioned a ten page Blurb this month and is always looking for articles.
Al W3STW is head of the nominating committee and is preparing the slate for the elections in December.
Bill W3AOK said that for the upcoming program, Cully Phillips N3HTZ would be doing a presentation on communications and the Pennsylvania Turnpike.
Ed KB3IV reported the nets are doing fine.
A discussion was held on the future sale of leftover equipment from W3AA.
There was no new business. At this time, Al W3STW made a motion to end the meeting. Steve WU3I seconded it. The meeting was ended at 9:28pm.

73 de WA3KIO

PMRC General meeting October 11

26 people including members and guests were in attendance.
Ed KB3IV called the meeting to order at 8:01pm at the Masonic Village.
Dick, W3RM gave a scholarship report. Benjamin Jack N3YVA and John Straton AA3SL were the winners for the last year's awards. A new scholarship was announced for next year in memory of Sam Kuncevich N3QIE who did the artwork for Philmont's Blurb newsletter for over 50 years.
Ed KB3IV reminded everyone that Larry K3HWE conducts an ARES net on the Philmont repeater at 9:00pm on Sundays.
Al W3STW is the election chairman and anyone wishing to run for a position should see Al. Maggie K3XS commented we had a ten page Blurb last month with several articles turned in plus the end of summer recess.
The PA QSO party is coming up.
W3CH Russ suffered a stroke, is in Lankanau Hospital and will be at Moss Rehab for about a month.
Bill W3AOK reported that the UHF amplifier was repaired and everything is working currently.
Dusty ND3Q reported five applicants at the last VE session and three new techs passing.The members were reminded of the upcoming hamfest at Sellersville.
At this time the meeting was adjourned and turned over to Cully Phillips N3HTZ who gave a presentation on communications and the Pennsylvania Turnpike.
73 de WA3KIO

It's not too early to mark your calendars...
(if you have your 2007 calendar, that is!)
But don't forget:
We will be hosting our
Eleventh Annual
"Ham Radio Auction-Fest"
on Wednesday evening,
January 10, 2007,
at the Masonic Village
7:00 p.m.

For Sale

From the estate of W3PTB

Icom 746PRO With Matching Power Supply, Hand Mic and SM-20 Desk Mic $1,400.00

Icom T2A 2M HT with Alkaline Battery Holder $55.00

From Other Sources

Pyramid PS-50 power supply 50 amps metered $99.00

Lexmark Z515 Printer new in sealed box $19.00

RF Concepts RFC 4-110 10 in 100 out 430-450 AMP $199.00

RF Concepts RFC 2-317 30 in 170 out 143-149 AMP $115.00

Mirage B10-160 10 in 160 out VHF AMP $199.00

2 Vibroplex Bugs (each)$60.00

Lambda power supply 35 amps constant $35.00
(Pick up only--very heavy)

These items will be brought to the auction if still available.

Contact WU3I at wu3i@arrl.net
Phone 215-483-7306 home 215-605-6074 cell

November 2006 with PMRC

Wednesday 01	PMRC Board Meeting at WRDV
Thursday 02	VE exams at Northeast High
Friday 03	
Saturday 04	
Sunday 05	NCS- WB3KOJ
Monday 06	
Tuesday 07	
Wednesday 08	PMRC General Meeting at Masonic Village
Thursday 09	
Friday 10	Veteran's Day (Federal)
Saturday 11	
Sunday 12	NCS-WU3I
Monday 13	
Tuesday 14	
Wednesday 15	
Thursday 16	
Friday 17	
Saturday 18	
Sunday 19	NCS-KB3IV
Monday 20	
Tuesday 21	
Wednesday 22	
Thursday 23	Thanksgiving Day
Friday 24	
Saturday 25	
Sunday 26	NCS-W2AJV
Monday 27	
Tuesday 28	
Wednesday 29	
Thursday 30	

First Class Mail

The Bulb

The Phil-Mont Mobile Radio Club, Inc
641 Kismet Road Philadelphia PA 19115